

C0330, C0530, C0630, C0830, C1030 Service Parts

This part list contains the service parts for the air cooled, water cooled and remote air cooled C0330, C0530, C0630, C0830, C1030 ice machines.

To avoid costly and time consuming errors, double check the model and voltage before ordering a part.

Note: These abbreviations are used in this list:

- AC = Air Cooled
- WC = Water Cooled
- RC = Remote Cooled
- HGV = Hot Gas Valve
- TXV = Thermostatic Expansion Valve
- Volt = Voltage
- Sol Vlv = Solenoid Valve
- Hdwe = Hardware

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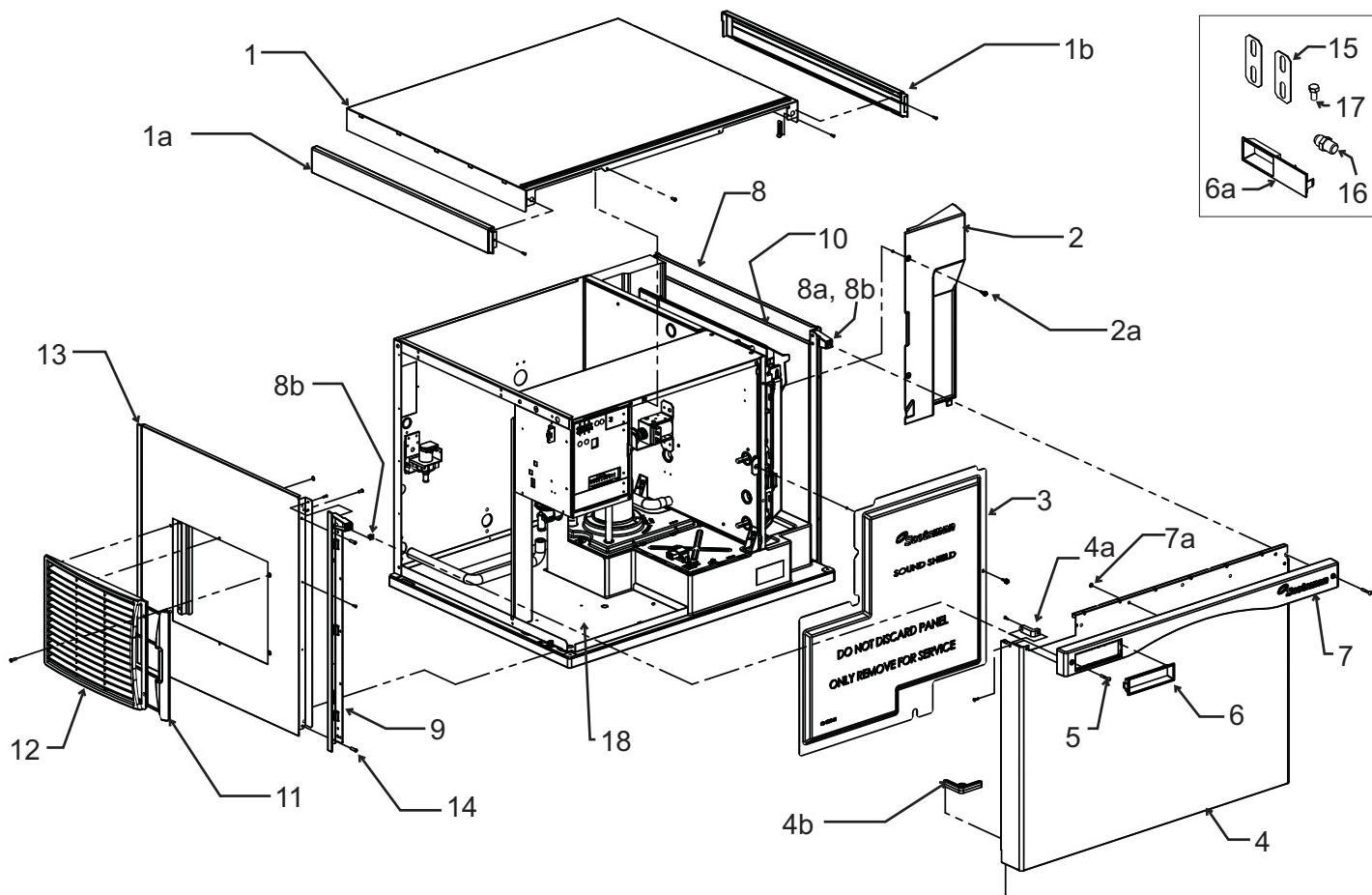
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17-3140-02

C0330, C0530, C0630, C0830, C1030 Service Parts

Cabinet - C0330, C0530, C0630

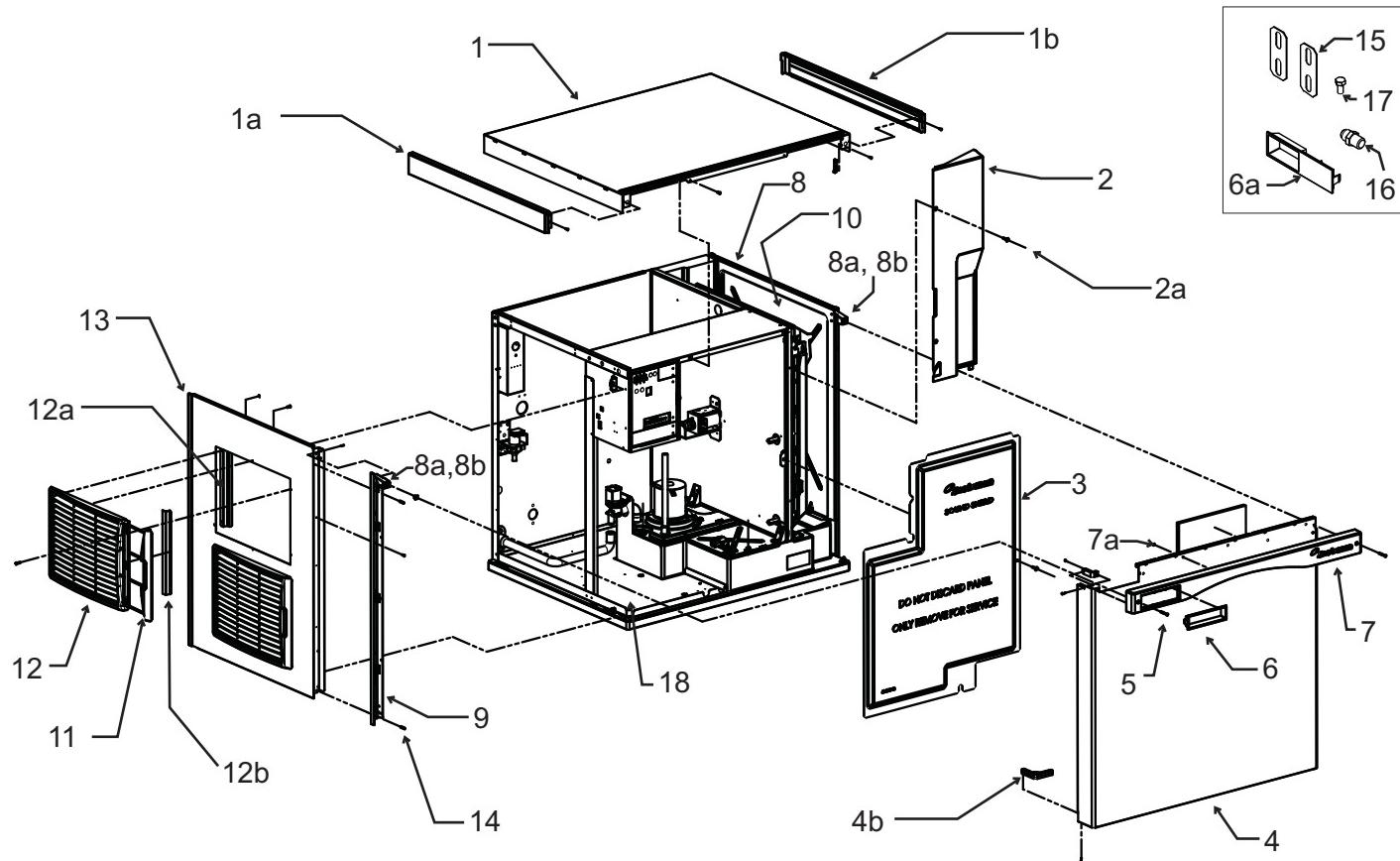


Item	Part	Description	Part	Description
Number	Number	Description	8a	02-4215-01 Receptacle
1*	A38941-022	Top panel, w/trim strips	8b	03-3804-01 Screw receptacle
1a	02-4221-01	Left trim strip	9	02-4067-01 Side panel support for water cooled and remote models
1b	02-4221-02	Right trim strip	10	02-4067-02 Side panel support for air cooled models
2	02-4240-01	Evaporator cover	11	02-4212-01 Air filter
2a	03-0727-05	Screw	12	02-4224-01 Louver panel
3	02-4218-01	Sound shield - use discontinued late 2008	12a	A39222-001 Filter guide
4*	A38552-022	Front panel assembly, includes trim strip, gussets and labels.	12b	A39238-001 Louver bracket
4a	02-4216-01	Top gusset	13*	A38551-021 Left side panel, AC
4b	02-4217-01	Bottom gusset	13*	A38551-022 Left side panel WC, RC
5	03-1735-03	Screw, front panel	14	03-1404-12 Screw
6	02-4284-01	Bezel, full window	15	A30911-015 Machine straps
6a	02-4284-02	Bezel, partial window	16	16-0355-00 Inlet water fitting, flare
7	02-4214-02	Trim strip	17	03-1405-15 Screw
7a	03-1731-02	Push nut	18	A38608-001 Compressor deck
8*	A38553-021	Right side panel assy		

*Note: All panels supplied complete as used on unit

C0330, C0530, C0630, C0830, C1030 Service Parts

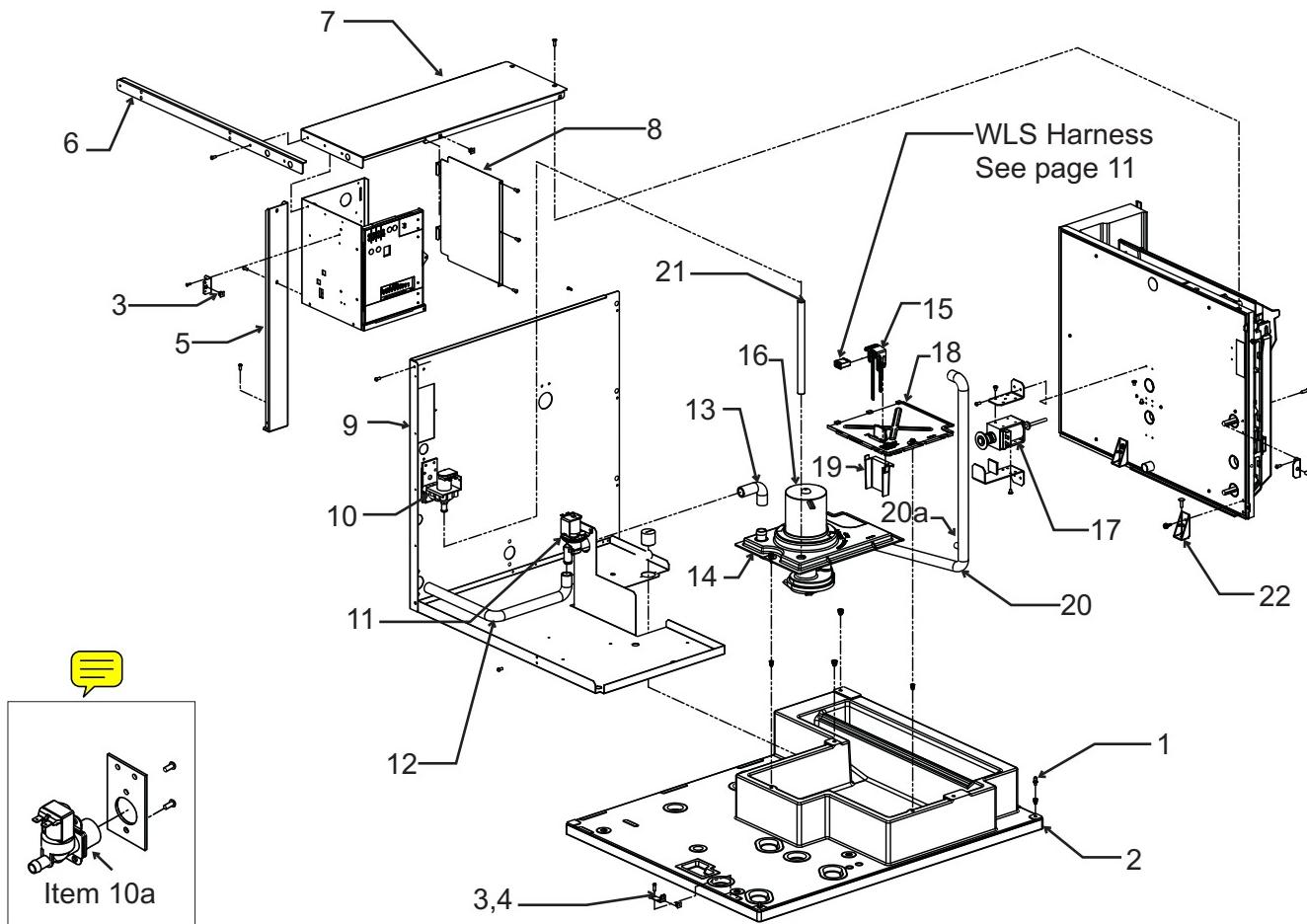
Cabinet - C0830, C1030



Item	Part	Description	Part	Description
Number	Number		Number	
1*	A38941-022	Top panel, w/trim strips	8b	03-3804-01 Screw receptacle
1a	02-4221-01	Left trim strip	9	02-4067-03 Side panel support for water cooled and remote models
1b	02-4221-02	Right trim strip	10	02-4067-04 Side panel support for air cooled models
2	02-4240-02	Evaporator cover	11	02-4336-02 Right side panel liner
2a	03-0727-05	Screw	12	02-4212-01 Air filter
3	02-4218-02	Sound shield - use discontinued late 2008	12a	A39222-001 Filter guide
4*	A38552-023	Front panel assembly, includes trim strip, gussets and labels.	12b	A39238-001 Louver bracket
4a	02-4216-01	Top gusset	13*	A38551-023 Left side panel, AC
4b	02-4217-01	Bottom gusset	14	A38551-024 Left side panel WC, RC
5	03-1735-03	Screw, front panel	15	03-1404-12 Screw
6	02-4284-01	Bezel, full window	16	A30911-015 Machine straps
6a	02-4284-02	Bezel, partial window	17	16-0355-00 Inlet water fitting, flare
7	02-4214-02	Trim strip	18	03-1405-15 Screw
	03-1731-02	Push nut		A38611-001 Compressor deck
8*	A38553-022	Right side panel assy		*Note: All panels supplied complete as used on unit.
8a	02-4215-01	Receptacle		

C0330, C0530, C0630, C0830, C1030 Service Parts

Interior Parts



Item Number	Part Number	Description
1	15-0411-00	Strike
2	A38589-002	Base, insulated
3	03-3804-01	Receptacle
4	A38732-001	Side panel mount
5	A38607-001	Strut, C0330-630
	A38629-001	Strut, C0830, C1030
6	A38582-001	Brace
7	A38539-002	Control box top
8	A38537-001	Control box side
9	see pages 7, 9 and 10 for back panels	
10	12-2922-01	Inlet water sol vlv, 115 volt
	12-2922-02	Inlet water sol vlv, 230 volt
	12-2912-01	Water valve rebuild kit
10a	11-0568-02	Inlet water sol vlv, CE mod
11	11-0564-01	Purge valve, 115 volt
	11-0564-02	Purge valve, 230 volt
12	A38860-002	Drain tube
13	A38860-001	Drain hose
14	02-4164-01	Water pump bracket
15	A39030-021	Water level sensor

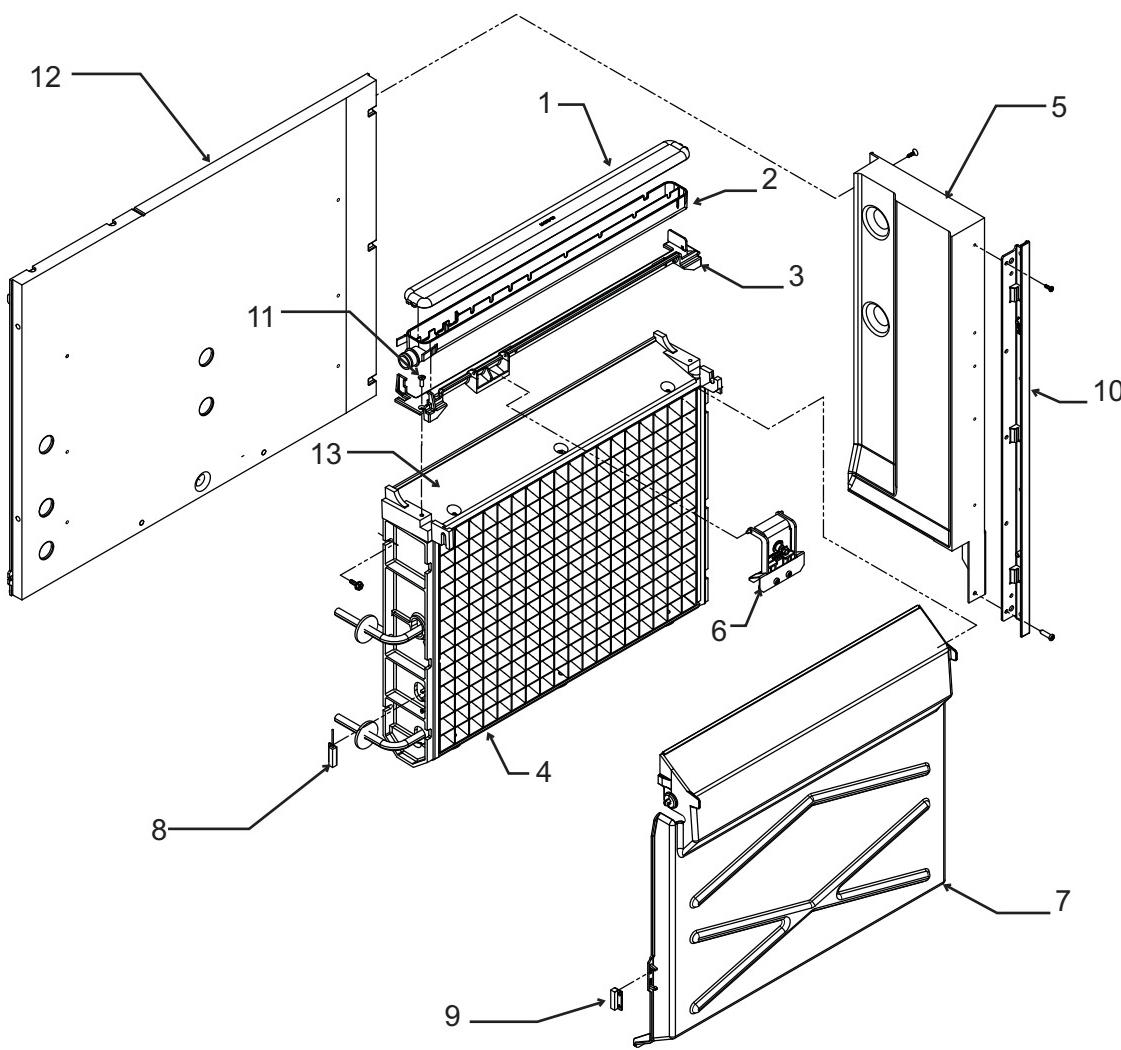
16	see table	Water pumps
Pumps	115	208-230
C0330, C0530	12-2919-21	12-2919-22
C0630	-	12-2919-22
C0830, C1030	-	12-2920-23

17	see table	Harvest assist solenoid
Hvst. solenoids	115	208-230
C0330, C0530	12-2918-21	12-2918-22
C0630	-	12-2918-22
C0830, C1030	-	12-2934-22

18	02-4166-01	Reservoir cover
19	02-4332-01	Sensor cover
20	02-4154-03	Pump hose, C0830-C1030
	02-4154-02	Pump hose, C0530-C0630
	02-4154-01	Pump hose, C0330
20a	11-0515-21	Temp sensor set
21	13-0674-02	Fill hose order by ft
	15-0821-01	Fill hose, -6 CE models
22	02-4152-01	Gusset

C0330, C0530, C0630, C0830, C1030 Service Parts

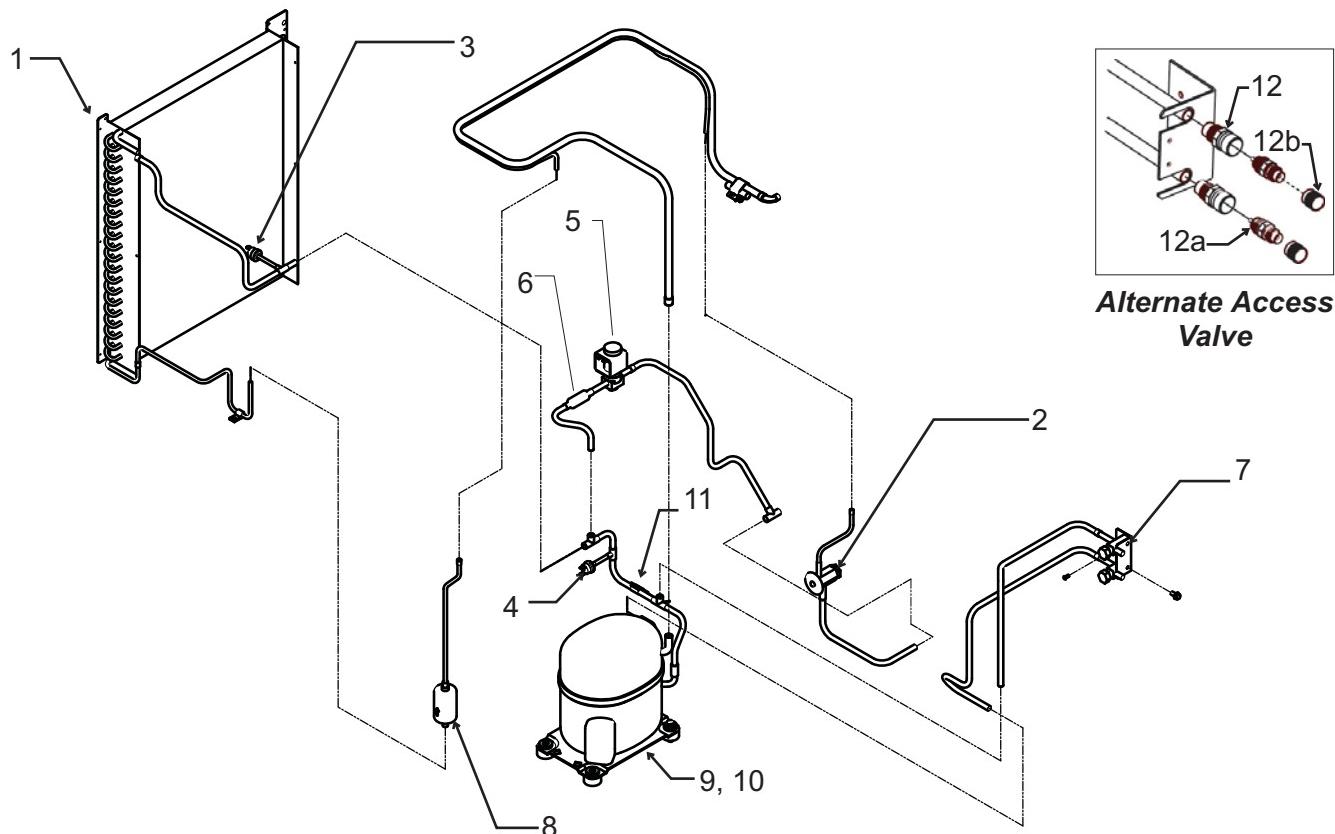
Evaporator Compartment



Item	Part Number	Description		
Number	Number	Description		
1	02-4065-01	Water distributor cover	6	A39031-021 Ice thickness sensor
2	02-4064-01	Water distributor	7	02-4100-21 Curtain, C0330
3	02-4205-01	Mounting bracket		02-4100-22 Curtain, C0530, C0630
4	see table	Evaporator	8	02-4100-23 Curtain, C0830, C1030
			9	11-0563-01 Curtain switch
			10	11-0563-02 Curtain switch magnet
			11	02-4067-01 Side panel support C0330, C0530, C0630
			12	02-4067-03 Side panel support C0830, C1030
			13	03-1418-30 Mounting screw
			14	13-0943-01 Gasket tape
			15	02-4156-21 Spillway replacement kit
5	A38596-001	Back wall, C0330, C0530, C0630		Note: Item 7 includes item 9, shipped loose.
	A38598-001	Back wall, C0803, C1030		

C0330, C0530, C0630, C0830, C1030 Service Parts

Air Cooled Refrigeration System

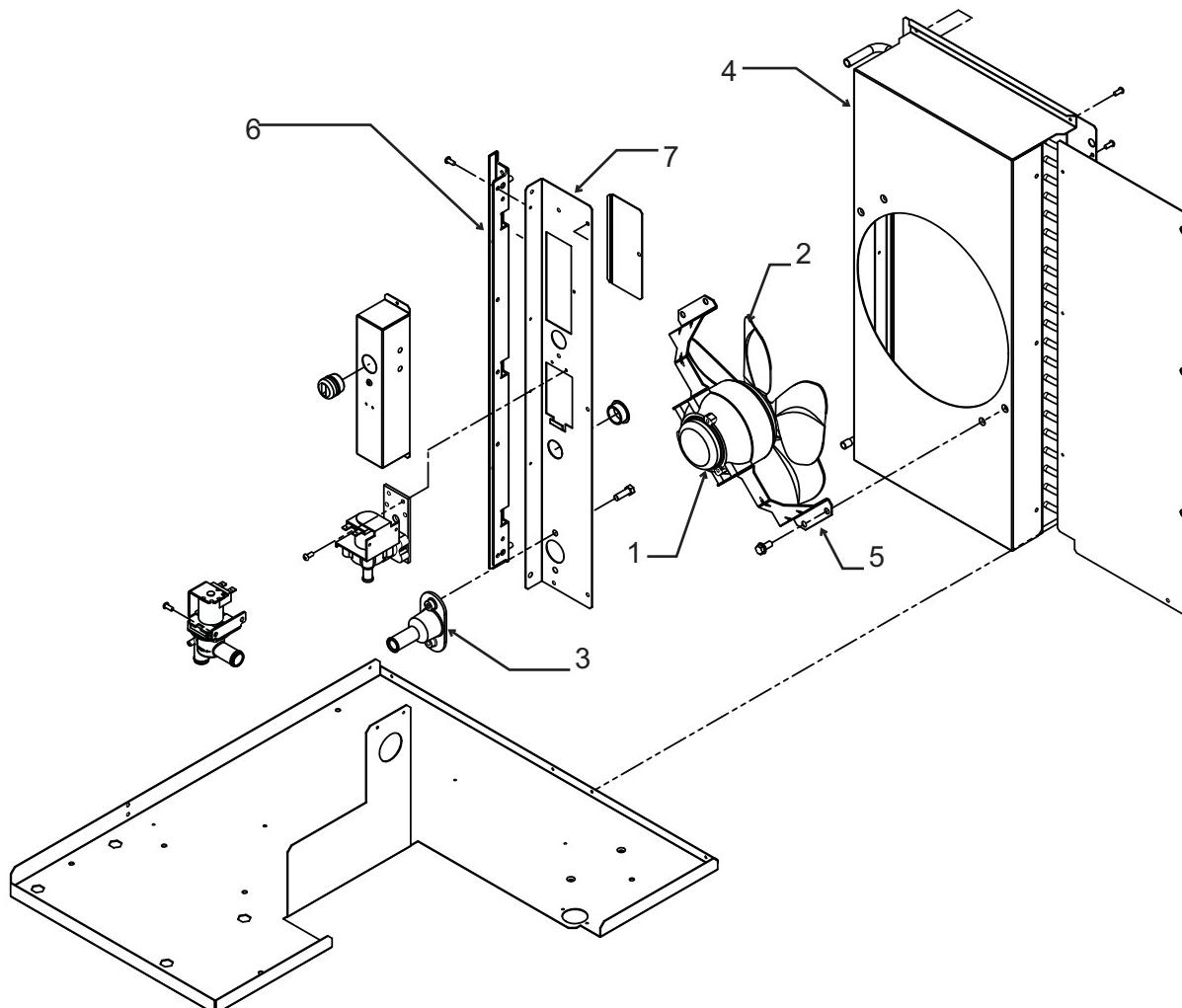


Alternate Access Valve

Item Number	Part Number	Description	5	11-0493-02	Hot gas valve, 115 volt
1	18-8890-01	Condenser, AC, C0330	12-2719-21	115 volt coil	
	18-8920-01	Condenser, AC, C0530	11-0493-01	Hot gas valve, 230 volt	
	18-8896-01	Condenser, AC, C0630	12-2719-22	230 volt coil	
	18-8895-01	Condenser, AC, C0830, C1030	12-2733-30	HGV rebuild kit	
2	16-1117-21	TXV, C0530	6	16-1063-01	Strainer
	16-1117-22	TXV, C0630	7	16-0832-20	Access valve
	16-1117-23	TXV, C0330		16-0832-03	Port cap
	02-3792-01	Insulation for Alco TXV	8	16-0832-02	Stem cap
	16-1142-01	TXV, C0830, C1030		02-3319-01	Dryer C0330 thru C0630
	02-4045-01	insulation Danfoss TXV	9	02-3319-02	Dryer, C0830 & C1030
3	11-0566-21	Fan cycle pressure sw.	10	see page 12	Compressors
4	11-0501-05	Hi pressure cut out, C0330, C0530 and C0630	11	see page 12	Compressor mounting hdw
				11-0515-21	Temp sensor set
				Use of alternate access valve began 4-08	
			12	16-1137-01	Valve body
			12a	16-1139-01	Core
			12b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

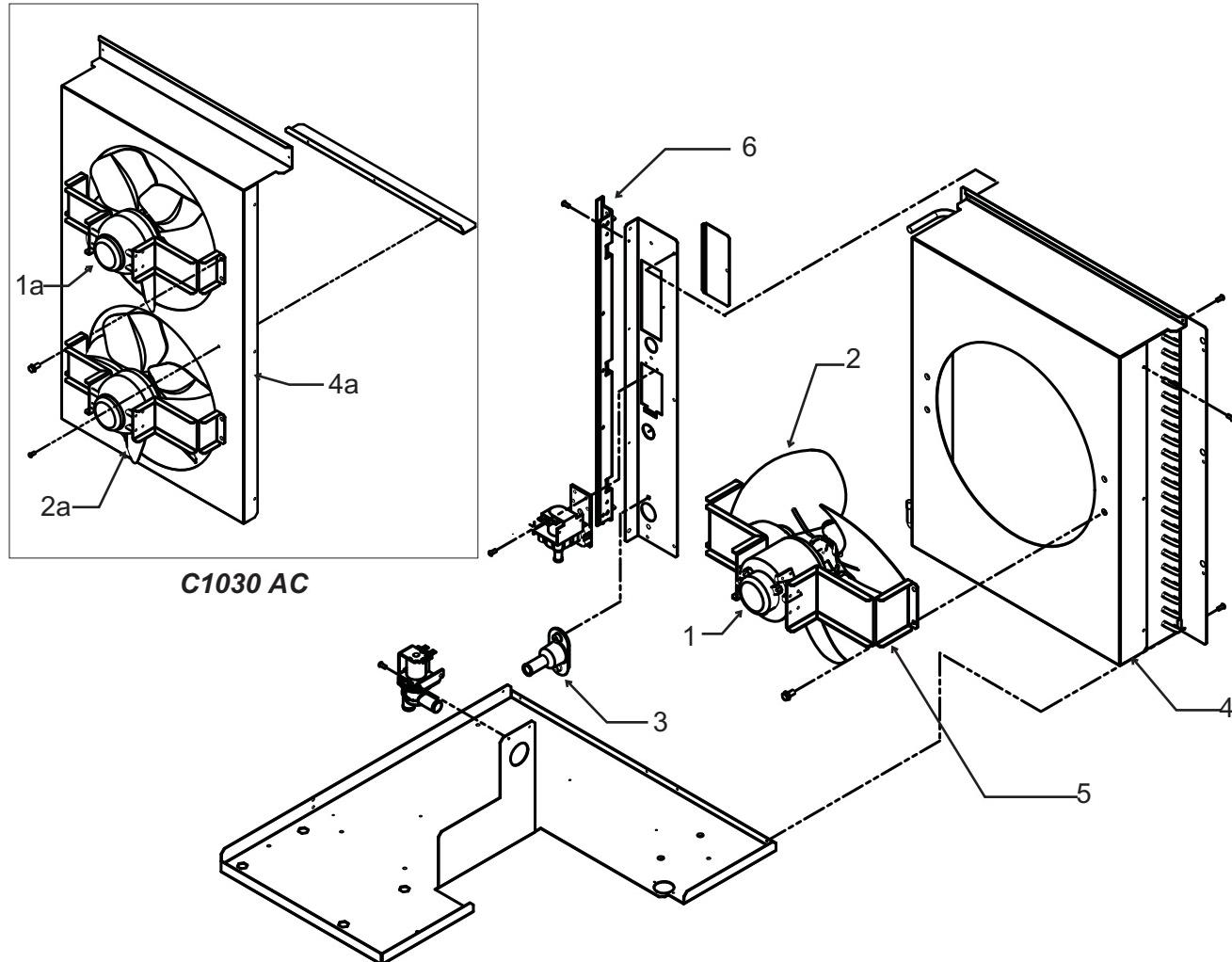
Air Cooled Mechanical & Electrical - C0330



Item Number	Part Number	Description
1	12-1681-23	Fan motor, C0330, 115 volt
	12-1681-04	Fan motor, C0330, 230 volt
2	18-8836-01	Fan blade, C0330
3	02-3692-21	Drain adapter - also for WC and RC
4	A38841-001	Fan shroud, C0330
5	A38480-001	Fan motor bracket, C0330
6	02-4067-02	Side panel support, C0330, C0530, C0630
7	A38791-001	Back panel - AC

C0330, C0530, C0630, C0830, C1030 Service Parts

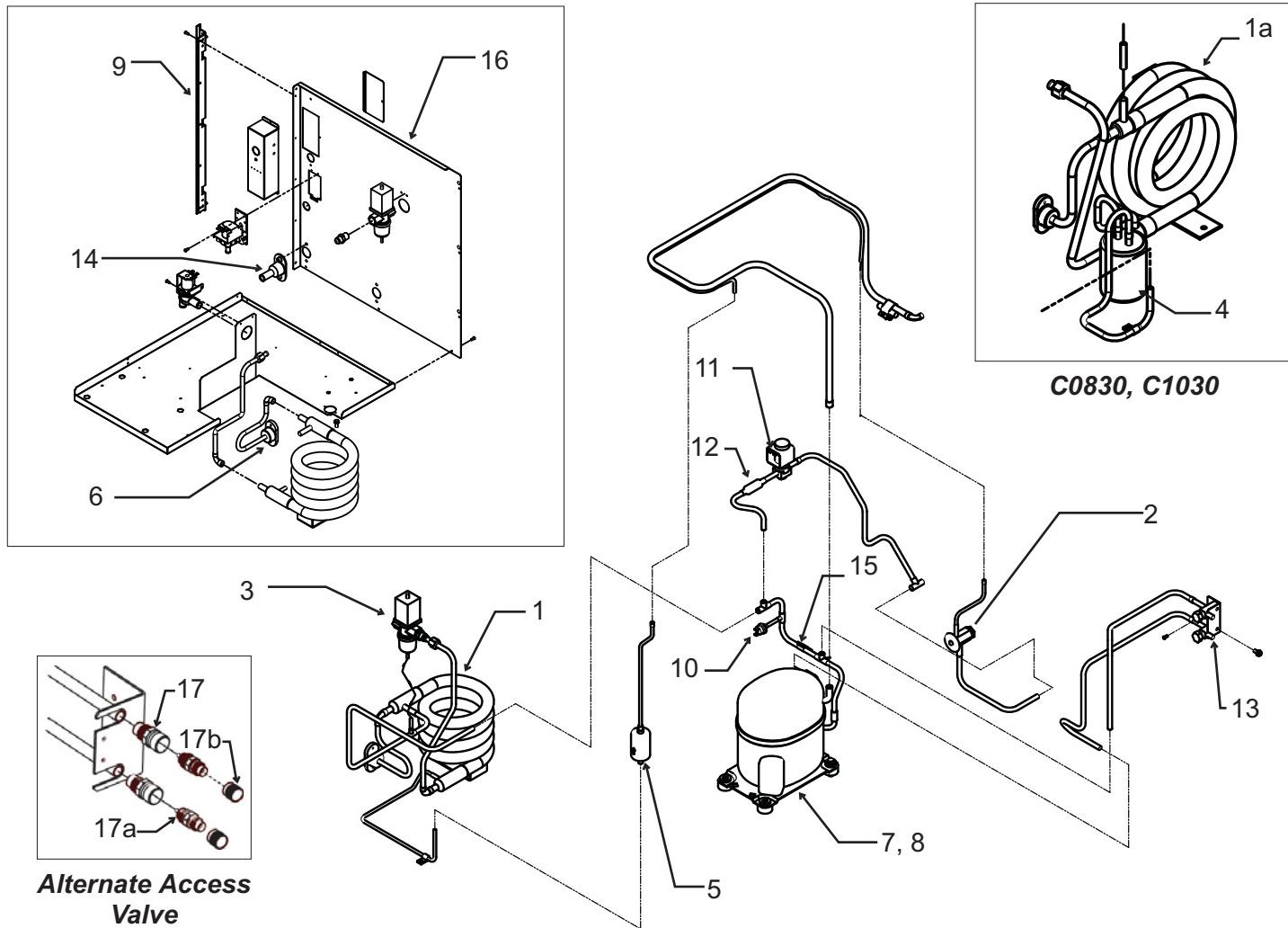
Air Cooled Mechanical & Electrical - C0530, C0630, C0830, C1030



Item	Part		5a	A38555-001	Fan motor bracket, C1030
Number	Number	Description	6	02-4067-02	Side panel support,
1	18-8926-01	Fan motor, C0530 115 v			C0330, C0530, C0630
	18-8927-01	Fan motor, C0530 230 volt, C0630, C0830		02-4067-04	Side panel support, C0830, C1030
1a	18-8899-01	Fan motor, C1030			
2	18-8882-01	Fan blade, C0530 - C0830			
2a	18-8900-01	Fan blade, C1030			
3	02-3692-21	Drain adapter - also for WC and RC			
4	A38623-001	Fan shroud - C0530, C0630, C0830			
4a	A38624-001	Fan shroud - C1030			
5	A38554-001	Fan motor bracket, C0530, C0630, C1030			

C0330, C0530, C0630, C0830, C1030 Service Parts

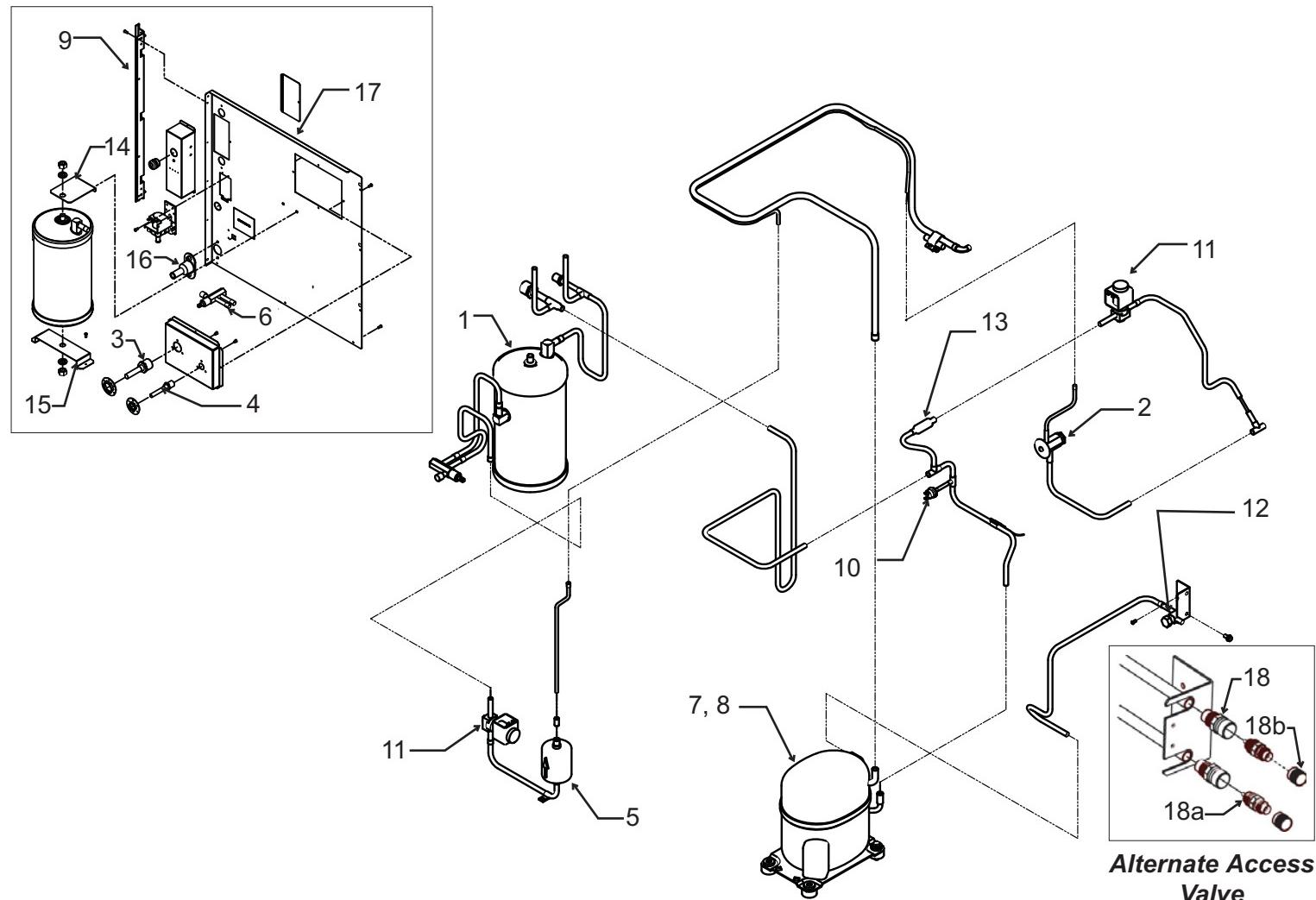
Water Cooled Refrigeration System



Item Number	Part Number	Description	9	02-4067-01	Side panel support, C0330, C0530, C0630
1	18-8871-21	Condenser, WC, C0330, C0530, C0630, C0830		02-4067-04	Side panel support, C0830, C1030
1a	18-8893-21	Condenser, WC, C1030	10	11-0501-21	High pressure cut out
2	16-1117-21	TXV, C0530	11	11-0493-02	Hot gas valve, 115 volt
	16-1117-22	TXV, C0630		11-0493-01	Hot gas valve, 230 volt
	16-1117-23	TXV, C0330		12-2719-22	230 volt coil
	02-3792-01	Insulation for Alco TXV		12-2733-30	HGV rebuild kit
	16-1142-01	TXV, C0830, C1030	12	16-1063-01	Strainer
	02-4045-01	insulation Danfoss TXV	13	16-0832-20	Access valve
3	11-0478-01	Water regulating valve		16-0832-03	Port cap
4	16-0874-01	Receiver, C0830, C1030		16-0832-02	Stem cap
5	02-3319-01	Dryer, C0330 thru C0630	14	02-3692-21	Drain adapter
	02-3319-02	Dryer, C0830 - C1030	15	11-0515-21	Temp sensor set
6	A31828-002	Condenser drain	16	A38634-001	Back panel, WC
7	see page 12	Compressors	17	16-1137-01	Valve body
8	see page 12	Compressor mounting hw	17a	16-1139-01	Core
			17b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

Remote Refrigeration System

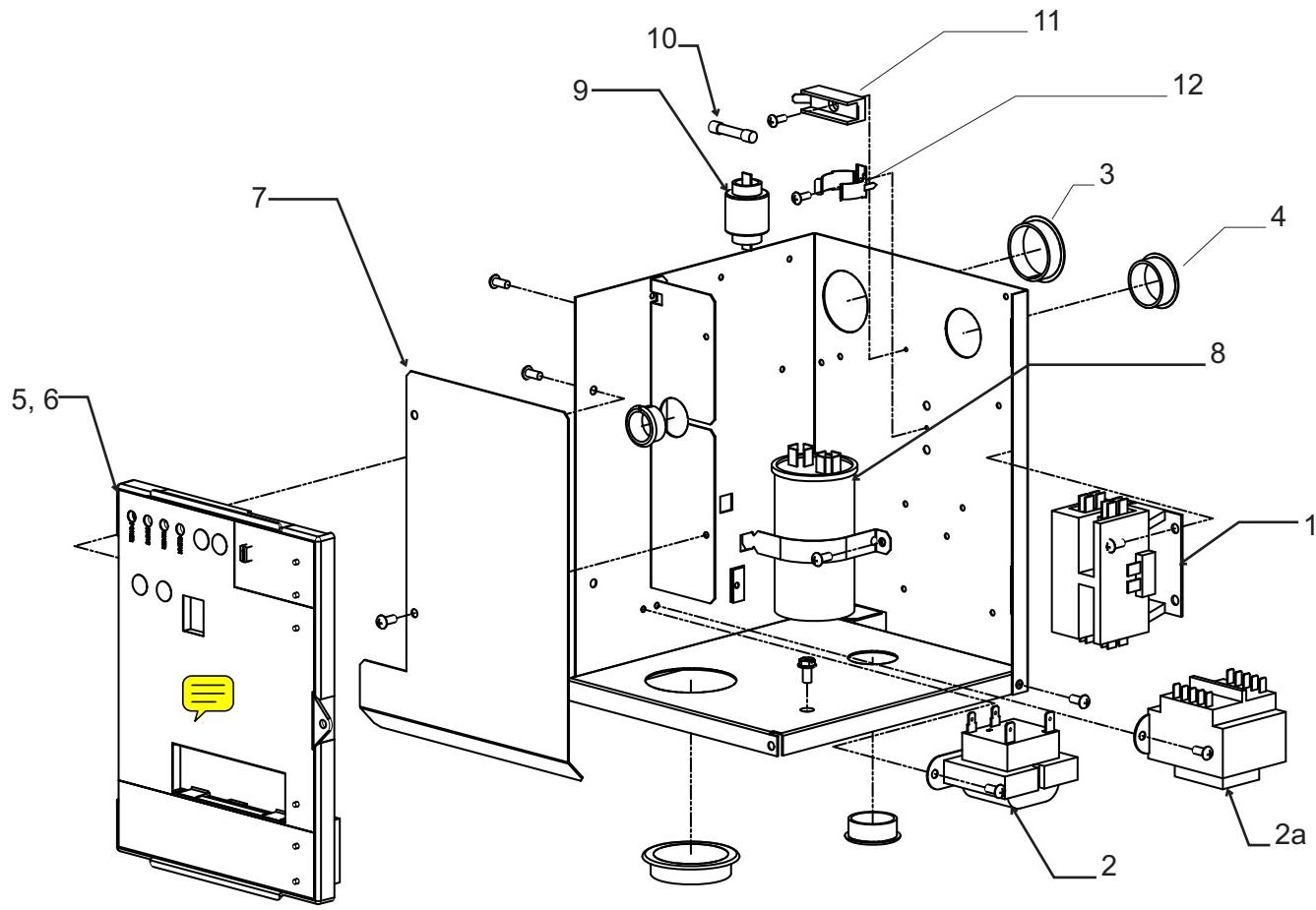


Alternate Access Valve

Item Number	Part Number	Description	Item Number	Part Number	Description
1	16-1121-01 16-1037-01	Receiver, C0530, C0630 Receiver, C0830, C1030	10	11-0501-22	High pressure cut out
2	16-1117-21 16-1117-22 16-1117-23 02-3792-01	TXV, C0530 TXV, C0630 TXV, C0330 Insulation for Alco TXV	11	11-0493-02	Liquid line valve or HGV, 115 volt
	16-1142-01	TXV, C0830, C1030		11-0493-01	Liquid line valve or HGV, 230 volt
3	02-4045-01	insulation Danfoss TXV	12	16-0832-20 16-0832-03	Access valve Port cap
4	16-0850-01	Discharge quick connect	13	16-0832-02	Stem cap
5	16-0850-03	Liquid quick connect	14	16-1063-01	Strainer
6	02-3319-02	Drier	15	A37211-001	Top receiver bracket
7	16-1030-01	Liquid line access valve	16	A37212-001	Bottom receiver bracket
8	see page 12	Compressors	17	02-3692-21	Drain adapter
8a	see page 12	Compressor mounting hw		A38664-001	Back panel, Remote
9	02-4067-01 02-4067-04	Crankcase heater Side panel support, C0330, C0530, C0630 Side panel support, C0830, C1030			Use of alternate access valve began 4-08
			18	16-1137-01	Valve body
			18a	16-1139-01	Core
			18b	16-1140-01	Cap

C0330, C0530, C0630, C0830, C1030 Service Parts

Electrical & Control Box



Item	Part	Description	
Number	Number	Description	
1	12-2469-03	Contactor, 115 volt	8 see next page Run capacitor
	12-2469-02	Contactor, 230, single ph	9 see next page PTCR -
	12-2533-01	Contactor, three phase	10 12-2686-01 Fuse, 50 Hz only
2	12-2924-01	Transformer, 115 volt	11 12-2687-01 Fuse holder
	12-2924-02	Transformer, 230 volt	12 18-8835-02 Bracket
2a	12-2369-01	Transformer, 50 Hz	Wiring Harnesses (not illustrated)
3	12-1213-11	Snap bushing	13 12-2931-01 Power harness, A & W
4	12-1213-15	Snap bushing	12-2931-02 Power harness, Remote
5	11-0550-24	Service controller, fits all Prodigy cubers	Power harness connects to J1 on controller
6	02-4076-01	Control box door	14 12-2932-01 Hi voltage harness, A & W
	02-4189-01	Overlay label	12-2933-01 Hi voltage harness, Rem
7	A39216-001	Barrier	12-2971-01 Hi voltage, 50 Hz A & W
			Hi voltage harness has the 8 pin connector
			15 12-2928-01 WLS harness

C0330, C0530, C0630, C0830, C1030 Service Parts

Compressors

Model	Electrical	Compressor	Overload	Run Capacitor	PTCR
C0330-1	115/60/1	18-8897-21	18-8897-23	18-1902-53	18-8835-01
C0330-6	230/50	18-8897-26	18-8897-28	18-1902-57	18-8835-01
C0330-32	208-230/60/1	18-8897-22	18-8897-27	18-1902-57	18-8835-01
C0530-1	115/60/1	18-8921-21	18-8921-23	18-1902-45	18-8835-01
C0530-6	230/50	18-8921-26	18-8774-27	18-1902-52	18-8835-01
C0530-32	208-230/60/1	18-8921-22	18-8774-28	18-1902-52	18-8835-01
C0630-32	208-230/60/1	18-8922-22	18-8922-27	18-1902-56	18-8835-01
C0630-6	230/50	18-8922-26	internal	18-1902-56	18-8835-01
C0830-32	208-230/60/1	18-8813-23	internal	18-1902-53	18-8835-01
C0830-6	230/50	18-8813-27	internal	18-1902-53	18-8835-01
C0830-3	208-230/60/3	18-8813-25	internal	-	-
C1030-32	208-230/60/1	18-8726-23	internal	18-1902-53	18-8835-01
C1030-6	230/50	18-8726-27	internal	18-1902-53	18-8835-01
C1030-3	208-230/60/3	18-8726-25	internal	-	-

Note: Service compressors include run capacitor, overload and PTCR

Compressor Mounting Hardware

Model	Bolt	Washer	Grommet	Sleeve
C0330	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0530	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0630	03-1405-20	03-1407-07	18-4700-28	18-0108-41
C0830	03-1405-20	03-1407-07	18-2300-27	18-2300-26
C1030	03-1405-20	03-1407-07	18-2300-27	18-2300-26

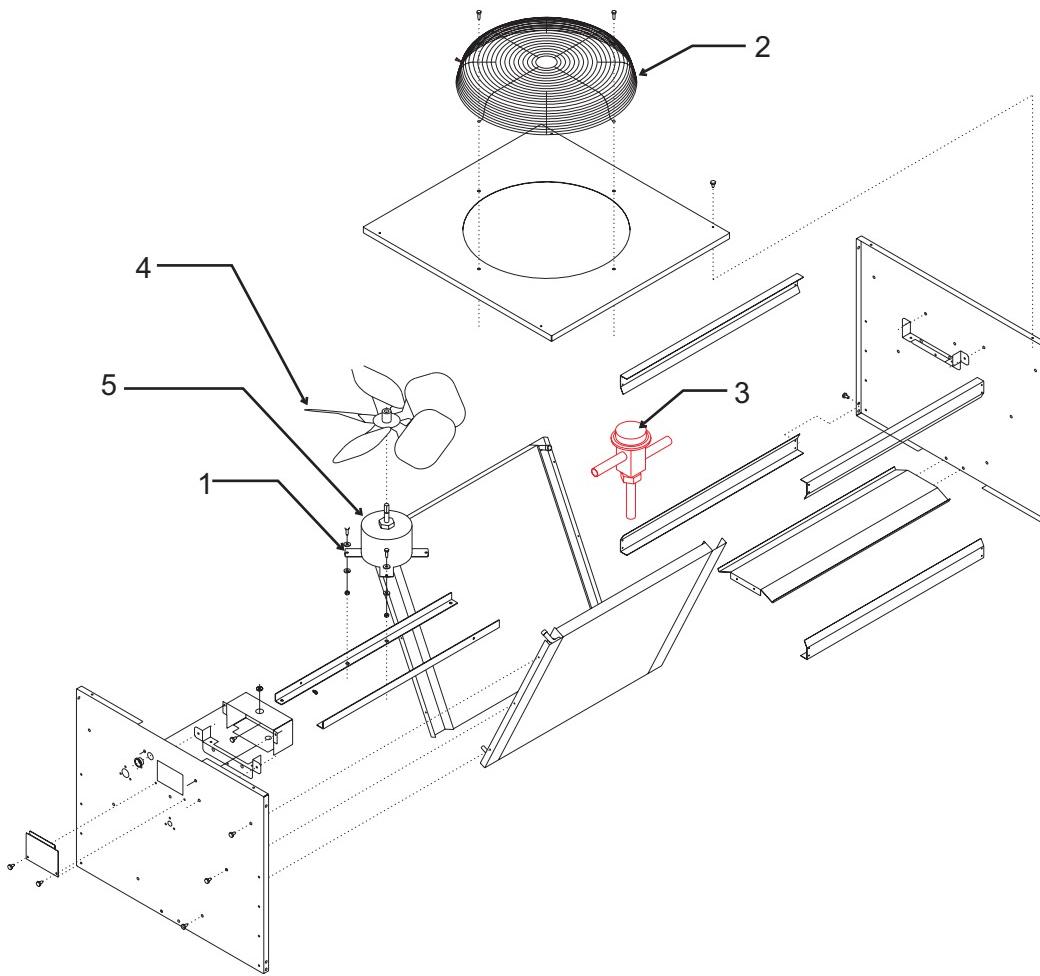
Crankcase Heaters

Model	Crankcase heater
C0530R	12-2942-01
C0630R	12-2942-02
C0830R	18-2308-01
C1030R	18-2308-01

* Included with replacement compressor

C0330, C0530, C0630, C0830, C1030 Service Parts

Remote Condenser, ERC111, ERC211, and ERC311



Item Number	Part Number	Description
1	03-1405-08	Screw
2	02-3575-01	Fan guard
3	16-1044-01	Headmaster
4	18-8816-01	Fan blade
5	12-2651-01	Fan motor - 230 volt (ERC311)
	12-2651-02	Fan motor - 115 volt (ERC111 and ERC211)

Not Shown:

- A37169-001 Leg
- A37170-001 Leg brace
- 03-1645-01 Screw for legs
- 16-0850-01 Quick connect, discharge
- 16-0850-03 Quick connect, liquid